

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| | | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 11:04 |
| | | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:57 |
| | | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:57 |
| | | S74 and (surface with passivat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 10:55 |
| | | S74 and (surface with passivat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 10:45 |
| | | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:45 |
| | | S75 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 10:45 |
| | | S47 and ((dislocation defect pit) with (fill\$3 passivat\$3 cover\$3 coat\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 11:04 |

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|----|-----|---|---|----|-----|------------------|
| | | S5 and ((fill\$3 coat\$ insulat\$3) with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:00 |
| L1 | 114 | (438/38).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:01 |
| L2 | 0 | ("L1NOTS1").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:01 |
| L3 | 114 | (438/38).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:01 |
| L4 | 0 | L1 NOT L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:01 |
| L5 | 114 | (438/38).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:03 |
| L6 | 0 | L1 NOT L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:01 |
| L7 | 820 | (438/46).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:07 |

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| L8 | 612 | (438/47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:08 |
| L9 | 381 | L8 NOT L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:09 |
| L10 | 1715 | (438/780).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:09 |
| L11 | 6360 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:13 |
| L12 | 3283 | L11 and (light near3 emit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:13 |
| L13 | 419 | L12 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:13 |
| L14 | 312 | L13 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:13 |
| L15 | 74 | L14 and (thread\$3 with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:13 |

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| L16 | 6360 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:13 |
| L17 | 43 | L16 and ((fill\$3 coat\$3 cover\$3 fix\$3 repair\$3 deposit\$3) near5 dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:13 |
| L18 | 21373 | (257/79-103,787-795,617-626). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:14 |
| L19 | 8673 | L18 and (light adj emitting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:14 |
| L20 | 2532 | L19 and (nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:14 |
| L21 | 492 | L20 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:14 |
| L22 | 111 | L21 and ((fill\$3 coat\$3 cover\$3 fix\$3 repair\$3 deposit\$3 passivat\$3) with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:14 |
| L23 | 404398 | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 13:14 |

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| L24 | 892 | L23 and ((thread\$3 with (dislocation or pit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:14 |
| L25 | 123 | L24 and ((fill\$3 coat\$3 cover\$3 deposit\$3 passivat\$3) near5 dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 13:14 |
| S1 | 112 | (438/38).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/03 11:54 |
| S2 | 6067 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 11:04 |
| S3 | 3088 | S2 and (light near3 emit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 11:55 |
| S4 | 392 | S3 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 11:55 |
| S5 | 285 | S4 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:15 |
| S6 | 2 | S5 and (passivat\$3 with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:12 |

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|-----|------|--|---|----|----|------------------|
| S7 | 5 | S5 and (passivat\$3 same dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:13 |
| S8 | 68 | S5 and (thread\$3 with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:14 |
| S9 | 25 | S5 and ((fill\$3 coat\$3 insulat\$3) with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:17 |
| S10 | 12 | S5 and ((fill\$3 coat\$3 insulat\$3) near5 dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:18 |
| S11 | 5 | ("20010019136" "6015979" "6030848" "6232623" "6408015").PN. OR ("6764871").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 12:23 |
| S12 | 3 | ("20020197825" "20030183157" "6579359").PN. OR ("6812051").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 12:24 |
| S13 | 2310 | S2 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:25 |
| S14 | 2009 | S13 and light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:25 |
| S15 | 70 | S14 and (thread\$3 with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 12:25 |
| S16 | 0 | ("2004/0169192").URPN. | USPAT | OR | ON | 2005/08/03 13:32 |

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|-----|-------|--|---|----|-----|------------------|
| S17 | 21 | ("4356429" "4885211" "5047687" "5059861" "5073446" "5224115" "5285086" "5294870" "5329542" "5334539" "5424560" "5721160" "5727015" "5787104" "5870419" "6015979" "6051849" "6111277" "6255198" "6335546").PN. OR ("6537839").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 13:32 |
| S18 | 6067 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/03 13:38 |
| S19 | 115 | S18 and ((fill\$3 coat\$3 cover\$3 fix\$3 repair\$3 deposit\$3) with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 13:39 |
| S20 | 103 | S19 and light | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 13:38 |
| S21 | 80 | S20 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 13:38 |
| S22 | 42 | S18 and ((fill\$3 coat\$3 cover\$3 fix\$3 repair\$3 deposit\$3) near5 dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 13:39 |
| S23 | 8 | ("4517047" "4717681" "4771013" "5256550" "5272105" "5273616").PN. OR ("5500389"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 13:44 |
| S24 | 6 | ("20010055324" "20020168844" "20030145783" "4612072" "6459712" "6667184").PN. OR ("6812496").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 13:50 |
| S25 | 20774 | (257/79-103,787-795,617-626). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/03 14:12 |

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| S26 | 8999 | S25 and (light near3 emit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:14 |
| S27 | 8275 | S25 and (light adj emitting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:14 |
| S28 | 4162 | S25 and (nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:14 |
| S29 | 2293 | S27 and (nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:14 |
| S30 | 450 | S29 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:15 |
| S31 | 106 | S30 and ((fill\$3 coat\$3 cover\$3 fix\$3 repair\$3 deposit\$3 passivat\$3) with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:17 |
| S32 | 27 | S30 and ((fill\$3 coat\$3 cover\$3 deposit\$3 passivat\$3) near5 dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:31 |
| S33 | 16 | ("5185290" "5798536" "6051849" "6110277" "6121121" "6146457" "6153010" "6255198" "6265289" "6274518" "6319742" "6329667" "6355497" "6365921" "6380108" "6693021").PN. OR ("6855620"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 14:18 |

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| S34 | 39 | S30 and ((fill\$3 coat\$3 cover\$3 deposit\$3 passivat\$3) near5 (dislocation pit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:42 |
| S35 | 0 | ("L3orL10").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/03 14:43 |
| S36 | 25718 | S18 or S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:23 |
| S37 | 1492 | S36 and (dislocation or pit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:43 |
| S38 | 1035 | S37 and light adj emit\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:44 |
| S39 | 82 | S38 and ((fill\$3 coat\$3 cover\$3 deposit\$3 passivat\$3) near5 (dislocation pit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/03 14:44 |
| S40 | 16 | ("5185290" "5798536" "6051849" "6110277" "6121121" "6146457" "6153010" "6255198" "6265289" "6274518" "6319742" "6329667" "6355497" "6365921" "6380108" "6693021").PN. OR ("6855620").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 14:50 |
| S41 | 9 | ("5091333" "5895706" "5927995" "6010937" "6015979" "6281524").PN. OR ("6555846").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 14:55 |
| S42 | 9 | ("5272108" "5874747" "5877038" "5930656" "5977566").PN. OR ("6610144").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 14:56 |

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| S43 | 31 | ("5727008" "6015979" "6153010").PN. OR ("6316785").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/03 14:58 |
| S44 | 6788 | cree.as. or nichia.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 10:49 |
| S45 | 1802 | S44 and light adj emit\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:10 |
| S46 | 102 | S44 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:37 |
| S47 | 395029 | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:20 |
| S48 | 813 | S47 and (thread\$3 with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:41 |
| S49 | 815 | S47 and (thread\$3 with (dislocation or pit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:42 |
| S50 | 811 | S47 and (thread\$3 near5 (dislocation or pit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:42 |
| S51 | 807 | S47 and (thread\$3 near3 (dislocation or pit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:42 |

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| S52 | 120 | S49 and ((fill\$3 coat\$3 cover\$3 deposit\$3 passivat\$3) near5 dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 09:44 |
| S53 | 0 | ("2004/0067648").URPN. | USPAT | OR | ON | 2005/08/04 10:06 |
| S54 | 24 | ("3729348" "3862859" "3963538" "4370510" "4632712").PN. OR ("5091333").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 10:44 |
| S55 | 4437 | S47 and ((dislocation defect pit) with (fill\$3 passivat\$3 cover\$3 coat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 11:05 |
| S56 | 2391 | S47 and ((dislocation defect pit) near5 (fill\$3 passivat\$3 cover\$3 coat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 11:06 |
| S57 | 1089 | S47 and ((dislocation defect) near5 (fill\$3 passivat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 11:06 |
| S58 | 749 | S47 and ((dislocation defect) near3 (fill\$3 passivat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 11:06 |
| S59 | 165 | S47 and (((dislocation defect) near3 (fill\$3 passivat\$3)) with surface) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 11:07 |
| S60 | 2 | ("20020086534" "6086673").PN. OR ("6699760").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 11:29 |
| S61 | 6079 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/04 16:23 |

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|-----|-------|---|---|----|-----|------------------|
| S62 | 20797 | (257/79-103,787-795,617-626). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/04 16:23 |
| S63 | 25750 | S61 or S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:23 |
| S64 | 1206 | S63 and (surface with passivat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:24 |
| S65 | 901 | S63 and (surface near5 passivat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:24 |
| S66 | 418 | S65 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:24 |
| S67 | 269 | S65 and (light adj emit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:24 |
| S68 | 137 | S66 and (light adj emit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:24 |
| S69 | 103 | S67 and (dislocation defect) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/04 16:25 |
| S70 | 6 | ("3890169" "3969164" "5262360").PN. OR ("5559058"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 16:42 |

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|-----|--------|--|---|----|-----|------------------|
| S71 | 18 | ("4026741" "4095011" "4439464" "4447469" "4560576" "4751200" "4751201").PN. OR ("4920078").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 16:44 |
| S72 | 7 | ("4230997" "4920078" "5457709" "5509025").PN. OR ("6463088").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/04 17:04 |
| S73 | 192 | ("6583451" "4891329" "4879250" "4995049" "4551394" "4755867" "4824804" "4956682" "5011785" "5049522" "5577064" "5606572" "5684819" "6160278" "5994188" "6127701" "4318751" "4339767" "4499657" "4892836" "4897698" "4948748" "5001075" "5025304" "5268315" "5496760" "5616512" "5856701" "6204098" "6229179" "6686634" "6875673" "4884119" "5489554" "5656548" "5793115" "5976953" "6001664" "6392256" "6538299" "5472914" "4826784" "5183776" "5300186" "5484664" "5915165" "5978408" "6027957" "6030453" "6208681").pn. ("4111725" "4596208" "4766092" "4786616" "5185181" "5201996" "5207864" "5244818" "5258327" "5272114" "5280184" "5286335" "5311533" "5402748" "5448581" "5723360" "5859866" "5923946" "5925897" "5977604" "5985687" "6199748" "6208007" "6221683" "6221683" "6280523" "6320206" "6372356" "6384462" "6420199" "6451711" "6518637" "6583445" "6645829" "6677655" "6680495" "6686257" "6713326" "6746777" "6800500" "4347655" "5627898" "5653801" "5838870" "6078111" "5889315" "5899714" "4416050" "4969022" "5008724").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 08:52 |
| S74 | 395029 | ((("438") or ("257")).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:20 |
| S75 | 13098 | S74 and (surface with passivat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/05 10:44 |

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|-----|--------|--|---|----|-----|------------------|
| S76 | 395258 | ((("438") or ("257"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/09 14:30 |
| S77 | 49392 | S76 and (dislocation defect pit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 13:45 |
| S78 | 21857 | S77 and (surface with (passivat\$3 coat\$3 fill\$3 cover\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 13:46 |
| S79 | 6267 | S77 and (surface near5 (passivat\$3 fill\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 13:48 |
| S80 | 12 | S77 and ((surface near5 (passivat\$3 fill\$3)) with dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 13:49 |
| S81 | 9 | ("5272108" "5874747" "5877038" "5930656" "5977566").PN. OR ("6610144").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 13:52 |
| S82 | 58 | ("4079506" "4396460" "4502914" "4519128" "4528047" "4546538").PN. OR ("4631803"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 13:57 |
| S83 | 0 | 438/778,780,787-794 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 14:12 |
| S84 | 4440 | (438/778,780,787-794).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/09 14:12 |

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| S85 | 92 | S84 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 14:18 |
| S86 | 604 | S84 and (surface near5 (passivat\$3 fill\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 14:18 |
| S87 | 435 | S84 and (surface near3 (passivat\$3 fill\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 14:18 |
| S88 | 183 | S87 and (void defect pit dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 14:19 |
| S89 | 174167 | ("438").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/09 14:31 |
| S90 | 1730 | (438/427).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/09 14:37 |
| S91 | 599 | S90 and nitride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/09 14:38 |
| S92 | 53 | ("3500139" "3844858" "3883948" "3911562" "3913124" "3966501" "3979237" "3998673" "4038110" "4048649").PN. OR ("4255207").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 14:39 |
| S93 | 6089 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/09 16:43 |

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| S94 | 113 | (438/38).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/09 16:43 |
| S95 | 5 | ("4666556" "5208183" "5658823" "5892785" "6052399").PN. OR ("6548319").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 16:46 |
| S96 | 9 | ("4862471" "5403773" "5563422" "5578839" "5583879" "5776794" "5895225").PN. OR ("6136626").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 16:48 |
| S97 | 8 | ("5084894" "5366927" "5395791" "5538918").PN. OR ("5658824"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 16:53 |
| S98 | 14 | ("5082799" "5093225" "5124279" "5208183" "5310697" "5376581").PN. OR ("5658823"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 09:35 |
| S99 | 5 | ("3855112" "3914465" "3935083" "5262360").PN. OR ("5459106"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 16:58 |
| S10 0 | 23 | ("4046457" "4047804" "4178564" "4560634" "4563368" "4653059" "4713314" "4751708" "4753516" "4766470" "4796981" "4868076" "4932859" "4939054").PN. OR ("4985370"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/09 16:59 |
| S10 1 | 5 | ("4666556" "5208183" "5658823" "5892785" "6052399").PN. OR ("6548319").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 09:15 |
| S10 2 | 14 | ("5082799" "5093225" "5124279" "5208183" "5310697" "5376581").PN. OR ("5658823"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 09:33 |
| S10 3 | 26 | ("4903088" "5247533" "5321713").PN. OR ("5583879"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 09:36 |

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| S10 4 | 323 | ("3566215" "3593191" "3655439" "3658585" "3704427" "3705567" "3737737" "3747559" "3793984" "3819974" "3853974" "3941647" "3948693" "3963537" "3965347" "3974561" "4020791" "4062035" "4098223" "4102298" "4108539" "4113381" "4133702" "4140546" "4154625" "4170018" "4261770" "4351695" "4404265" "4410993" "4423349" "4505765" "4521448" "4531142" "4568206" "4596998" "4599244" "4599245" "4604637" "4615766" "4647953" "4656636" "4661175" "4670093" "4682337" "4683574" "4722088" "4740259" "4742525" "4744088" "4746195" "4763979" "4768199" "4792200" "4792959" "4818722" "4829188" "4835575" "4841344" "4845723" "4855118" "4859903" "4864369" "4869568" "4890033" "4904617" "4904618" "4907044" "4907534" "4911102" "4918497" "4929907" "4944837" "4945394" "4946547" "4947218" "4959174" "4960728" "4966862" "4971739" "4977567" "4982314" "4985742" "4987576" "4990466" "4990990" "5005057" "5006908" "5008735" "5008789" "5019746" "5023686" "5027168" "5034956" "5041334" "5042043" "5045896" "5049779" "5061972" "5065207" "5065402" "5077145" "5093576" "5119540" "5120619" "5122845" "5128955" "5146465" "5155062" "5171370" "5182670" "5184247" "5185207" "5200022" "5202777" "5205905" "5208878" "5210051" "5218216" "5229626" "5233204" "5239188" "5247533" "5250366" "5252499" "5252839" "5260960" "5264713" "5266503" "5270554" "5272108" "5278433" "5281830" "5290393" "5306662" "5312560" "5323022" "5330791" "5334277" "5336080" "5338944" "5341390" "5343316" "5344791" "5359345" "5363598" "5366834" "5369289" "5376303" "5376580" "5381103" "5382822" "5389571" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 09:43 |
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| S10 5 | 11 | ("4396929" "4476620" "5557115" "5563422" "5578839" "5583879" "5990500" "5998810" "6100103" "6130446" "6169363").PN. OR ("6812502"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 09:43 |
| S10 6 | 29 | ("4370195" "4569718" "4617193" "4635343" "4640737" "4855249" "4911102" "4946548" "4985113" "5034092").PN. OR ("5205905").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:02 |
| S10 7 | 12 | ("5432808" "5530267" "5592501" "5777350").PN. OR ("5889806"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:29 |
| S10 8 | 0 | coleman-william.xa. OR coleman-william.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:30 |
| S10 9 | 0 | william-coleman.xa. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:30 |
| S11 0 | 0 | william-coleman.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:30 |
| S11 1 | 1967 | coleman.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:30 |
| S11 2 | 2974 | coleman.xp. or coleman.xa. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:30 |
| S11 3 | 956 | S112 and william | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:30 |
| S11 4 | 411 | S112 and william.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:31 |
| S11 5 | 0 | william-david-coleman.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:31 |
| S11 6 | 119 | coleman-william-david.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:32 |
| S11 7 | 0 | S116 and nichia.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:32 |
| S11 8 | 6797 | cree.as. or nichia.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 10:50 |

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|----------|------|---|---|----|-----|------------------|
| S11 9 | 25 | S118 and ((dislocation near3 density) with (reduc\$4 low\$3 improv\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 10:50 |
| S12 0 | 10 | ("20010008656" "20010022154" "5456204" "5780876" "5868837" "5928421" "6067310" "6156581" "6177057" "6372041").PN. OR ("6656615"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/10 10:59 |
| S12 1 | 6089 | (438/22-47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 11:05 |
| S12 2 | 88 | S121 and ((epitaxial adj lateral adj overgrowth) and nitride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 11:05 |
| S12 3 | 10 | S122 and (dislocation near3 density) and "10.sup.6" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 11:06 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------|---|------------------|---------|------------------|
| L1 | 7525 | (117/84-109).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:15 |
| L2 | 106 | L1 and thread\$3 near5 dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 15:19 |
| L3 | 363 | (117/952).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/21 15:18 |
| L4 | 7 | L3 and thread\$3 near5 dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/21 15:19 |